# APPLICATION FOR ENVIRONMENTAL LABORATORY ACCREDITATION Environmental Laboratory Accreditation Program Louisiana Department of Environmental Quality

Α.	Purpose of Application: Mark (X) one.	Assigned LA La	aboratory Accreditation #
	Initial Accreditation.		
	Renewal Accreditation.		
	Reaccredidation.		
	Additional Parameter Accreditation.		
В.	Type of Application: Mark (X) one.		
	Intrastate Accreditation Interstate	Accreditation	
C.	Laboratory Name:		
D.	Mailing Address:		
	(P.O. Box or Number and Street)		
	(City)	(State)	Zip Code)
	Parish Code Number: State Code Number		
Ε.	Shipping Address (for UPS Delivery):		
	(Number and Street)		
	(City)	(State)	
	Parish Code Number: State Code Number		
F.	Billing Name and Address (for Accreditation Fees	s):	
	(Billing Name)		
	(P.O. Box or Number and Street)		
	(City)	(State)	(Zip Code)
	Parish Code Number: State Code Number		
	-+		

G.	Laboratory Telephone Number:	H. Laboratory Fax Number:
I.	Internet E-Mail Address	
J.	Type of Laboratory: Mark (X) One	
	<ul> <li>Commercial Laboratory</li> <li>Small Commercial Laboratory</li> <li>Commercial Mobile/Field Laboratory</li> <li>Commercial Local, State, Federal Laboratory</li> </ul>	<ul> <li>Non-Commercial Industrial Laboratory</li> <li>Non-Commercial Municipal Laboratory</li> <li>Non-Commercial Local-, State-, or Federal Laboratory</li> </ul>
K.	Laboratory Representative:	
	Telephone Number:	
L.	Out-of-State Laboratories Only:	
	Accreditation/Certificates, including lists of param	ation/Certifications held by the laboratory. Attach copies of all current neters and methods, last two EPA WS and WP PE study results, most to deviations from each of the following State Accreditation/Certification
	Name of State Certifying Authority:	
	Type of Certification:	Expiration Date:
	Name of State Certifying Authority:	
	Type of Certification:	Expiration Date:
	Name of State Certifying Authority:	
	Type of Certification:	Expiration Date:
М.	Laboratory Technical Director: Designate the	person responsible for the laboratory operations. Attach resume.

Rev. 7, Effective as of 10/25/05

	Telephone Number:
Ed	ucation Name of Institution:
	Degree/ Major Field:
	Certificates or Registrations Held:
	Issuing Agency:
	Date of Issue:
	Experience (related to laboratory analysis):
N.	<b>Laboratory Personnel:</b> List all personnel involved in the laboratory operations. Please make copies of the <b>following page</b> for additional personnel. Resumes may be attached.
	Name and Position Held:
	Education and Experience:
	License or Registration:
	Primary Responsibilities in the Laboratory:

ame and Position Held:	
ducation and Experience:	
cense or Registration:	
rimary Responsibilities in the Laboratory:	
ame and Position Held:	
ducation and Experience:	
cense or Registration:	
rimary Responsibilities in the Laboratory:	

#### O. FEES

A \$660 Accreditation Application Fee must accompany this application form in order for the application to be processed.

Your laboratory will be invoiced at a later date for your Annual Fees. Certification is contingent upon payment of invoiced Annual Fees.

Annual Fee Calculation: Mark (X) each block that applies to your laboratory in the table below. To calculate your Total Annual Fee, add the Test Category Fees on the right for each Test Category that you selected. If you selected only one Test Category, then include the Annual Surveillance and Evaluation Fee. **The table below must be completed in order for your application to be processed.** 

#### **FIELDS OF TESTING**

			ILLD	, 0	LOTIN		1			t .
TEST CATEGORIES	Air Emission	Wastewater/ Surface Water	Ground Water	Solid and Hazardous Waste	Soils, Sediments, and Sludges	Biological Materials	Radiological/ Assays	Biomonitoring/ Bioassays/ Toxiological	Annual Fee per Category	Your Fees
Metals									\$330	
Air Pollutants Including Industrial Hygiene and Toxic Organic Compounds (T.O.) Methods									\$330	
Nutrients, Minerals, Ion, Demands, Classical Wet Chemistry, Total & Fecal Coliforms									\$330	
Microbiology Including Fecal & Total Coliform									\$330	
Bioassay / Biomonitoring									\$330	
Organics Including Volatiles, Semi-Volatiles, Pesticides, Herbicides, and PCBs									\$330	
Dioxins and Furans									\$330	
Radiochemistry									\$330	
Asbestos									\$330	
Geotechnical Soil Testing									\$330	
Minor Conventional Parameters (BOD <sub>5</sub> , O&G, TSS, Fecal & Total Coliform, Residual Chlorine Only)*									\$264	
*Do not check this category if you checked any other category category is for laboratories seeking accreditation for these ponly.				Т	otal Te Ann	st Cat		1	\$	

#### TOTAL ANNUAL FEE CALCULATION

Total Test Category Annual Fee (From above)	\$
Annual Surveillance and Evaluation Fee (ASEF) Add \$330 if you checked only one Test	\$
Category above.	
Total Annual Fee for Your Laboratory	\$
Total Test Category Annual Fee + ASEF (if applicable)	

## P. CLEAN WATER ACT METHODOLOGY:

**INORGANIC - TRACE METAL**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Digestion Methods		Direct	GFAA/	Furnace	AA/H	lydride		ICP	Cold	Vapor		Other
			EPA	SM	EPA	SM	EPA	SM	EPA	SM	EPA	SM	EPA	SM/Other
	Aluminum		202.1	3111 D	202.2	3113 B			200.7	3120 B				
	Antimony		204.1	3111 B	204.2	3113 B			200.7	3120 B				
	Arsenic				206.2	3113 B	206.3	3114 B	200.7	3120 B			206.4	3500-As C
	Barium		208.1	3111 D	208.2	3113 B			200.7	3120 B				
	Beryllium		210.1	3111 D	210.2	3113 B			200.7	3120 B				3500-Be D
	Boron								200.7	3120 B			212.3	4500-B B
	Cadmium		213.1	3111 B 3111 C	213.2	3113 B			200.7	120 B				
	Calcium		215.1	3111 B					200.7	3120 B				215.2 3500-Ca D
	Chromium		218.1	3111 B	218.2	3113 B			200.7	3120 B				
	Chromium VI		218.4	3111 C										3500-Cr D
	Cobalt		219.1	3111 B 3111 C	219.2	3113 B			200.7	3120 B				
	Copper		220.1	3111 B 3111 C	220.2	3113 B			200.7	3120 B				3500-Cu D, E HACH 8506
	Gold		231.1	3111 B	231.2									
	Iridium		235.1	3111 B	235.2									
	Iron		236.1	3111 B 3111 C	236.2	3113 B			200.7	3120 B				3500-Fe D HACH 8008
	Lead		239.1	3111 B 3111 C	239.2	3113 B			200.7	3120 B				3500-Pb D
	Magnesium		242.1	3111 B					200.7	3120 B				3500-Mg D
	Manganese		243.1	3111 B	243.2	3113 B			200.7	3120 B				3500-Mn D HACH8034

**INORGANIC - TRACE METAL (CONT'D):** Circle the approved method(s) for each parameter that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Digestion Methods	AA/I	Direct	GFAA	/Furnace	AA/H	lydride		ICP	Cold	Vapor		Other
			EPA	SM	EPA	SM	EPA	SM	EPA	SM	EPA	SM	EPA	SM/Other
	Mercury										245.1 245.2	3112 B		
	Molybdenum		246.1	3111 D	246.2	3113 B			200.7	3120 B				
	Nickel		249.1	3111 B	249.2	3113 B			200.7	3120 B				3500-Ni D
	Osmium		252.1	3111 D	252.2									
	Palladium		253.1	3111 B	253.2									
	Platinum		255.1	3111 B	255.2									
	Potassium		258.1	3111 B					200.7	3120 B				3500-K D
	Rhodium		265.1	3111 B	265.2									
	Ruthenium		267.1	3111 B	267.2									
	Selenium				270.2	3113 B		3114 B	200.7	3120 B				070.4
	Silica								200.7	3120 B				370.1 4500-Si D
	Silver		272.1	3111 C 3111 B	272.2	3113 B			200.7	3120 B				
	Sodium		273.1	3111 B					200.7	3120 B				3500-Na D
	Thallium		279.1	3111 B	279.2				200.7	3120 B				
	Tin		282.1	3111 B	282.2	3113 B			200.7					
	Titanium		283.1	3111 D	283.2									
	Vanadium		286.1	3111 D	286.2				200.7	3120 B				3500-V D
	Zinc		289.1	3111 C 3111 B	289.2				200.7	3120 B				3500-Zn E 3500-Zn F HACH8009

**MICROBIOLOGY**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Coliform (MF) Fecal		SM 9222 D	
	Fecal Coliform (MPN) EC		SM 9221 E1	
	Fecal Coliform (MPN) A-1		SM 9221 E2	
	Total Coliform (MF)		SM 9222 B	
	Total Coliform (MPN)		SM 9221 B	
	Fecal Streptococci (MF)		SM 9230 C	
	Fecal Streptococci (MPN)		SM 9230 B	

**TOXICITY TESTING**: Circle only the approved method(s) (or Type and circle the appropriate publication in the "Other" column if no specific method) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology	/	
		EPA	Standard Methods	Other
	Freshwater Acute Tests*			
	Definitive Toxicity using Daphnia pulex			
	Definitive Toxicity using Ceriodaphnia dubia			
	Definite Toxicity using Pimephales promelas			
	Saltwater Acute Tests*			
	Definitive Toxicity using Mysidopsis bahia			
	Definitive Toxicity using Cyprinodon variegatus			
	Definitive Toxicity using Menida beryllina			
	Freshwater Chronic Tests**			
	Ceriodaphnia dubia Survival and Reproduction	EPA 1002.0		
	7-day <i>Pimephales promelas</i> (fathead minnow)	EPA 1000.0		
	Larval Survival and Growth			
	Saltwater Chronic Tests***			
	7-day Mysidopsis bahia Survival and Growth	EPA 1007.0		
	7-day Cyprinodon variegatus Larval Survival and Growth Test	EPA 1004.0		
*EDA 924 D 024	7-day <i>Menida beryllina</i> Larval Survival and Growth Test	EPA 1006.0		

**INORGANIC - BIOLOGICAL EXAMINATIONS**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Biomass (Plankton, Dry Weight)		SM 10200 I-5	
	Biomass (Plankton, Biovolume)		SM 10200 I-2	
	Biomass (Plankton, Displ. Volume)		SM 10200 I-4	
	Biomass (Periphyton, Dry Weight)		SM 10300 C-5	
	Chlorophyll a (Spectrophotometric)		SM 10200 H-2	
	Chlorophyll a (Fluorometric)		SM 10200 H-3	

**INORGANIC - DEMAND**: Circle only the approved method(s) that the laboratory is seeking certification to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Biochemical Oxygen Demand	EPA 405.1	SM 5210 B	
	Carbonaceous BOD		SM 5210 B	
	Chemical Oxygen Demand	EPA 410.1 EPA 410.2 EPA 410.3 EPA 410.4	SM 5220 C SM 5220 D	HACH 8000
	Total Organic Carbon (TOC)	EPA 415.1	SM 5310 B SM 5310 C SM 5310 D	415.2
	Dissolved Oxygen	EPA 360.2 EPA 360.1	SM 4500-O C SM 4500-O G	

**INORGANIC - MINERAL**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter			
		EPA	Standard Methods	Other
	Acidity	EPA 305.1	SM 2310 B	
	Alkalinity	EPA 310.1 EPA 310.2	SM 2320 B	
	Chloride	EPA 300.0* EPA 325.1 EPA 325.2 EPA 325.3	SM 4500-Cl <sup>-</sup> E SM 4500-Cl <sup>-</sup> C SM 4500-Cl <sup>-</sup> B	

Fluoride (Manual distillation required)	EPA 300.0* EPA 340.1 EPA 340.2	SM 4500-F B SM 4500-F D SM 4500-F C	
	EPA 340.3 EPA 130.1	SM 4500-F E	
Hardness, Total (CaCO <sub>3</sub> )	EPA 130.1	SM 2340-F B SM 2340 C SM 3111 B	
Hydrogen-Ion Concentration (pH)	EPA 150.1 EPA 150.2	SM 4500-H B	
Specific Conductance	EPA 120.1	SM 2510 B	
Sulfate	EPA 300.0* EPA 375.1 EPA 375.3 EPA 375.4	SM 4500-SO <sub>4</sub> <sup>2-</sup> C SM 4500-SO <sub>4</sub> <sup>2-</sup> D	

<sup>\*</sup> Requires EPA Regional Approval.

INORGANIC - MISCELLANEOUS: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Bromide	EPA 320.1 EPA 300.0*		
	Color – ADMI (Tristimulus) - Visual - Spectrophotometric (Tristimulus) - Spectrophotometric (Plat. Cobalt)	EPA 110.1 EPA 110.2 EPA 110.3	SM 2120 E SM 2120 B SM 2120 C	NCASI-TB253**
	Cyanide - (Manual distillation with MgCl required)	EPA 335.3 EPA 335.2	SM 4500-CN <sup>-</sup> D SM 4500-CN <sup>-</sup> E SM 4500-CN <sup>-</sup> C	
	Cyanide Amenable to Chlor.	EPA 335.1	SM 4500-CN <sup>-</sup> G	
	Oil and Grease	EPA 413.1 EPA 1664***	SM 5520 B	
	Phenolics, Total Recoverable	EPA 420.1 EPA 420.2		
	Residual Chlorine	EPA 330.1 EPA 330.2 EPA 330.3 EPA 330.4 EPA 330.5	SM 4500-CI D SM 4500-CI C SM 4500-CI B SM 4500-CI F SM 4500-CI G	
	Sulfide	EPA 376.1 EPA 376.2	SM 4500-S <sup>2-</sup> E SM 4500-S <sup>2-</sup> D	
	Sulfite	EPA 377.1	SM 4500-SO <sub>3</sub> <sup>2-</sup> B	
	Surfactants (MBAS)	EPA 425.1	SM 5540 C	
	Temperature	EPA 170.1	SM 2550 B	
	Turbidity	EPA 180.1	SM 2130 B	
EDA Davis	Unionized H₂S -		SM 4500-S <sup>2-</sup> F	

<sup>\*</sup> Requires EPA Regional approval.

\*\* National Council of the Paper Industry for Air & Stream Improvement, Technical Bulletin 253.

\*\*\* Interim approval granted through EPA Region IV based on required documentation.

**INORGANIC - NUTRIENT**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Ammonia-Nitrogen – (Distillation required unless alternate test approval is obtained)	EPA 350.1 EPA 350.2 EPA 350.3	$\begin{array}{c} SM\ 4500\text{-NH}_3\ H \\ SM\ 4500\text{-NH}_3\ H \\ SM\ 4500\text{-NH}_3\ C \\ SM\ 4500\text{-NH}_3\ E \\ SM\ 4500\text{-NH}_3\ F \\ SM\ 4500\text{-NH}_3\ G \end{array}$	
	Kjeldahl Nitrogen	EPA 351.1 EPA 351.2 EPA 351.3	SM 4500-NH <sub>3</sub> B SM 4500-NH <sub>3</sub> C SM 4500-NH <sub>3</sub> E SM 4500-NH <sub>3</sub> F SM 4500-NH <sub>3</sub> G	
	Nitrate-Nitrogen	EPA 352.1 EPA 300.0*G21		NO <sub>3</sub> -NO <sub>2</sub> Minus NO <sub>2</sub>
	Nitrate-Nitrite (NO <sub>3</sub> NO <sub>2</sub> )	EPA 353.1 EPA 353.2 EPA 353.3	SM 4500-NO <sub>3</sub> H SM 4500-NO <sub>3</sub> F SM 4500-NO <sub>3</sub> E	
	Nitrite-Nitrogen	EPA 354.1 EPA 300.0*	SM 4500-NO <sub>2</sub> B	HACH 8507
	Total Organic Nitrogen	EPA TKN-NH3(N)		
	Orthophosphate	EPA 365.1 EPA 365.2 EPA 365.3 EPA 300.0*	SM 4500-P F SM 4500-P E	
	Phosphorus	EPA 365.1 EPA 365.2 EPA 365.3 EPA 365.4	SM 4500-P F SM 4500-P E	

<sup>\*</sup>Requires EPA Regional Approval

**INORGANIC - RESIDUE**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Residue, Total (TS)	EPA 160.3	SM 2540 B	
	Residue, Filterable (TDS)	EPA 160.1	SM 2540 C	
	Residue, Non-filterable (TSS)	EPA 160.2	SM 2540 D	
	Residue, Settleable (SS)	EPA 160.5	SM 2540 F	
	Residue, Volatile (VS)	EPA 160.4	SM 2540 G	

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each method that the laboratory has applied for certification using the enclosed form.

Office Use Only	Parameter	Methodology			
,		GC	GC/MS	HPLC	
	Pesticides & PCBs				
	Organochlorine Pesticides	EPA 608			
	Organophosphate Pesticides	SM 6630 C			
	Polychlorinated Biphenyls	EPA 608			
	PCBs in Oil	EPA 600\4-81-045			
	Chlorophenoxy Acid Herb.	SM 6640 B			
	Volatile Organics				
	Acrolein	EPA 603			
	Acrylonitrile	EPA 603			
	Purgeable Aromatics	EPA 602			
	Purgeable Halocarbons	EPA 601			
	Purgeables (GC/MS)		EPA 624		
	VOC by Isotope (GC/MS)		EPA 1624		
	Semivolatiles				
	Base Neut. & Acids (GC/MS)		EPA 625		
	Benzidines	EPA 605			
	Chlorinated Hydrocarbons	EPA 612			
	Haloethers	EPA 611			
	Nitroaromatics & Isophorone	EPA 609			
	Nitrosamines	EPA 607			
	Phenols (Organics)	EPA 604			
	Phthalate Esters	EPA 606			
	Poly. Arom. Hydro (PAHs)	EPA 610		EPA 610	
	SVO by Isotope (GC/MS)		EPA 1625		
	Dioxins & Furans				
	2,3,7,8-TCDD		EPA 613		

## Q. SOLID AND HAZARDOUS WASTE METHODOLOGY:

**INORGANIC -TRACE METAL**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Digestion Methods	FLAA/ FLAE	GFAA	Hydride	ICP	ICP/ MS	Color	Cold Vapor	Other
	Aluminum		7020			6010B	6020			
	Antimony		7040	7041	7062	6010B	6020			
	Arsenic			7060A	7061A 7062	6010B	6020			
	Barium		7080A	7081	7002	6010B	6020			
	Beryllium		7090	7091		6010B	6020			
	Cadmium		7130	7131A		6010B	6020			
	Calcium		7140			6010B	6020			
	Chromium VI		7197					719A		7199
	Chromium		7190	7191		6010B	6020			
	Cobalt		7200	7201		6010B	6020			
	Copper		7210	7211		6010B	6020			
	Iron		7380	7381		6010B	6020			
	Lead		7420	7421		6010B	6020			
	Lithium		7430			6010B	6020			
	Magnesium		7450			6010B	6020			
	Manganese		7460	7461		6010B	6020			
	Mercury								7470A 7471A	
	Molybdenum		7480	7481		6010B	6020			
	Nickel		7520	7521		6010B	6020			
	Osmium		7550			6010B	6020			
	Potassium		7610			6010B	6020			
	Selenium			7740	7741A 7742	6010B	6020			
	Silica					6010B	6020			
	Silver		7760A	7761		6010B	6020			
	Sodium		7770			6010B	6020			
	Strontium		7780			6010B	6020			
	Thallium		7840	7841		6010B	6020			
	Tin		7870			6010B	6020			
	Vanadium		7910	7911		6010B	6020			
	Zinc		7950	7951		6010B	6020			

**MICROBIOLOGY**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform.

Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Total Coliform (MPN)	EPA 9131		
	Total Coliform (MF)	EPA 9132		
	Fecal Coliform (MF)		SM 9222 D	
	Fecal Coliform (MPN) EC		SM 9221 E1	
	Fecal Streptococci (MF)		SM 9230 C	
	Fecal Streptococci (MPN)		SM 9230 B	
	Salmonella (MPN)		SM 9260 D1	
	Salmonella (MF)		SM 9260 D2	

**INORGANIC - DEMAND**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology				
		EPA	Standard Methods	Other		
	Total Organic Carbon (TOC)	EPA 9060				

**INORGANIC - HAZARDOUS WASTE CHARACTERISTICS**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology			
		EPA	Standard Methods	Other	
	Corrosivity - towards steel	EPA 1110			
	Corrosivity - pH	EPA 9040B			
	Dermal Corrosion	EPA 1120			
	EP Toxicity Test	EPA 1310A			
	Ignitability (Pensky Martens)	EPA 1010			
	Ignitability (Setaflash)	EPA 1020A			
	Ignitability of Solids	EPA 1030			
	Liquid Release Test (LRT) Procedure	EPA 9096			
	Reactivity - Cyanide	SW-846 S.7.3			
	Reactivity - Sulfide	SW-846 S.7.3			
	Synthetic Precipitation Leaching Proc.	EPA 1312			
	TCLP - Tox. Char. Leach. Proc nonvolatile	EPA 1311			
	TCLP - Tox. Char. Leach. Proc Zero Head.	EPA 1311			

**INORGANIC - MINERAL**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology			
		EPA	Standard Methods	Other	
	Chloride	EPA 9212 EPA 9250 EPA 9251 EPA 9253 EPA 9056			
	Fluoride	EPA 9214 EPA 9056			
	Hydrogen-Ion Concentration (pH)	EPA 9040B			
	pH - Solid & Hazardous Waste	EPA 9045C			
	Specific Conductance	EPA 9050A			
	Sulfate	EPA 9035 EPA 9036 EPA 9038 EPA 9056			

**INORGANIC - NUTRIENT**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Nitrate-Nitrogen	EPA 9210 EPA 9056		
	Nitrite-Nitrogen	EPA 9056		
	Orthophosphate	EPA 9056		

**INORGANIC - MISCELLANEOUS**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology					
		EPA	Standard Methods	Other			
	Bomb Preparation Method	EPA 5050					
	Bromide (Ion Chromatography) Bromide (Electrode)	EPA 9056 EPA 9211					
	Comp. Test (Wastes & Mem. Liners)	EPA 9090A					

Office Use Only	Parameter	Methodology				
		EPA	Standard Methods	Other		
	Cyanide (Distillation)	EPA 9010B				
	Cyanide (Spectro., Automated)* Cyanide (Titrimetric & Man. Spectro.)* Cyanide (Electrode)*	EPA 9012A EPA 9014 EPA 9213				
	Cyanide Amenable to Chlor. (Distillation)	EPA 9010B				
	Cyanide Amen. to Chlor. (Spectro., Automated)* Cyanide Amen. to Chlor. (Titri. & Man. Spectro.)* Cyanide Amen. to Chlor. (Electrode)*	EPA 9012A EPA 9014 EPA 9213				
	Cyanide Extraction for Solids and Oils	EPA 9013				
	Extract Proc. for Oily Wastes	EPA 1330A				
	Extract. Organic Halides in Solids (EOX)	EPA 9023				
	Intrinsic Permeability	EPA 9100				
	Multiple Extraction Procedure	EPA 1320				
	Oil and Grease Oil and Grease (Sludge & Sediment)	EPA 9070 EPA 9071A				
	Paint Filters Liquid Test	EPA 9095A				
	Phenolics, Total Recoverable (Man. Spectro.) Phenolics, Total Recoverable (Color., Auto.) Phenolics, Total Recoverable (Spectro., MBTH)	EPA 9065 EPA 9066 EPA 9067				
	Purgeable Organic Halides (POX)	EPA 9021				
	Saturated Hydraulic Conductance	EPA 9100				
	Saturated Leachate Conductance	EPA 9100				
	Sulfides, Extractable	EPA 9031				
	Sulfides, Acid Soluble & Insoluble (Distillation)	EPA 9030B				
	Sulfides, Acid Soluble & Insoluble (Titrimetric)* Sulfides, Acid Soluble & Insoluble (Electrode)*	EPA 9034 EPA 9215				
	Test Method for Total Chlorine in New and Used Petroleum Products by X-Ray Fluorescence Spectrometry (XRF)	EPA 9075				
	Test Method for Total Chlorine in New And Used Petroleum Products by Oxidative Combustion and Microcoulometry (OCM)	EPA 9076				
	Test Method for Total Chlorine in New and Used Petroleum Products (Field Test Kit Methods)	EPA 9077				
	Total Organic Halides (TOX) BTU	EPA 9020B				
	Viscosity					

<sup>\*</sup> Must be accompanied with the distillation procedure.

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform.

Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each determinative method and the applicable extraction/preparation and clean-up method employed.

Office Use Only	Parameter	EPA Methodology	Extraction/Preparation Method	Sample Clean-Up Procedure
	Pesticides and PCBs			
	Organochlorine Pesticides (GC)	EPA 8081A EPA 8270C	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3580A	EPA 3620B EPA 3630C EPA 3640A EPA 3660B
	Organophosphorus Pesticides (GC)	EPA 8141A	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3580A	EPA 3620B
	Polychlorinated Biphenyls (GC)	EPA 8082 EPA 8270 C	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3580	EPA 3620B EPA 3630C EPA 3640A EPA 3660B EPA 3665A
	PCBs in Oil (GC)	EPA 600/4-81-045		
	Chlorophenoxy Acid Herbicides	EPA 8151A		
	Waladila a			
	Volatiles  Acrylamide, Acrylonitrile, & Acrolein (HPLC)	EPA 8316		
	Acrylamide, Acrylomine, & Acrolem (Fir Ec)	EPA 8032A		
	Acrylonitrile (GC)	EPA 8031		
	Nonhalogenated Vol. Organics (GC)	EPA 8015B	EPA 5021 EPA 5031 EPA 5032 EPA 3585	
	Purgeable Halo. & Aromatics (GC)	EPA 8021B	EPA 5021 EPA 5030B EPA 5032 EPA 5035 EPA 3585	

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform.

Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each determinative method and the applicable extraction/preparation and clean-up method employed.

Office Use Only	Parameter	EPA Methodology	Extraction/Preparation Method	Sample Clean-Up Procedure
	Volatiles Purgeables - GC/MS	EPA 8260B	EPA 5021 EPA 5030B EPA 5031 EPA 5032 EPA 5035 EPA 3585	
	TPH-Low Boiling Point (Gas.)	EPA 8015B (Mod.)	EPA 5021 EPA 5030 EPA 5031 EPA 5032 EPA 5035	
	Semivolatiles			
	EDB & DBCP (GC)  Base Neutrals & Acids (GC/MS)	EPA 8011 EPA 8270C	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3560 EPA 3561 EPA 3580A	EPA 3610B EPA 3611B EPA 3620B EPA 3630C EPA 3640A EPA 3650B
	PAHs & PCBs (TE/GC/MS)	EPA 8275A		
	Base Neutrals & Acids (GC/FT-IR)	EPA 8410	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3560 EPA 3561 EPA 3580A	EPA 3640A
	Carbonyl Compounds (HPLC)	EPA 8315A		

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform.

Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each determinative method and the applicable extraction/preparation and clean-up method employed.

Office Use Only	Parameter	EPA Methodology	Extraction/Preparation Method	Sample Clean-Up Procedure	
	Chlorinated Hydrocarbons (GC)	EPA 8121	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3550B EPA 3580A	EPA 3620B EPA 3640A	
	Extractable Nonvolatiles (HPLC/TS/MS)	EPA 8321A	BASED ON ANALYTE	BASED ON ANALYTE	
	Extractable Nonvolatiles (HPLC/PB/MS)	EPA 8325	BASED ON ANALYTE	BASED ON ANALYTE	
	Haloethers	EPA 8111	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3550B	EPA 3620B EPA 3640A	
	N-Methylcarbamates (HPLC)	EPA 8318			
	Nitroaromatics & Cyclic Ketones	EPA 8091	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3580A	EPA 3620B EPA 3640A	
	Nitroglycerine (HPLC)	EPA 8332			
	Nitroaromatics, Nitramines (HPLC)	EPA 8330			
	Nitrosamines	EPA 8070A	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3550B	EPA 3610B EPA 3620B EPA 3640A	
	Phenols	EPA 8041A	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3580A	EPA 3630C EPA 3640A EPA 3650B EPA 8041A	

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each determinative method and the applicable extraction/preparation and clean-up method employed.

Office Use Only	Parameter	EPA Methodology	Extraction/Preparation Method	Sample Clean-Up Procedure
	Phthalate Esters	EPA 8061A	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3580A	EPA 3610B EPA 3611B EPA 3620B EPA 3640A
	Polynuclear Aromatic Hydrocarbons (GC)	EPA 8100	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3561 EPA 3580	EPA 3610B EPA 3611B EPA 3630C EPA 3640A EPA 3650B
	Polynuclear Aromatic Hydrocarbons (HPLC)	EPA 8310	EPA 3510C EPA 3520C EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3561 EPA 3580	EPA 3610B EPA 3611B EPA 3630C EPA 3640A EPA 3650B
	Tetrazine Reverse Phase (HPLC)	EPA 8331		
	TPH-High Boiling Point (Diesel)	EPA 8015B (Mod.)	EPA 3510C EPA 3520C EPA 3535 EPA 3540C EPA 3541 EPA 3545 EPA 3550B EPA 3560	EPA 3611B
	Group Direct Analysis TPH Method*			
	Volatile Petroleum Hydrocarbons/ Extractable Petroleum Hydrocarbon Method (VPH/EPH)**			
	Extractable Petroleum Hydrocarbons (EPH) Fractions Method***			
	Dioxin & Dibenzofurans			
	PCDDs/PCDFs	EPA 8280A		
	PCDDs/PCDFs-HRGC/HRMS	EPA 8290		

<sup>\*</sup> TPH Criteria Working Group (Rhodes, 1997; <a href="http://voyager.wpafb.af.mil">http://voyager.wpafb.af.mil</a>)

\*\* Massachussetts Department of Environmental Protection (<a href="http://www.state.ma.us/dep/bwsc/vph\_eph.htm">http://www.state.ma.us/dep/bwsc/vph\_eph.htm</a>)

\*\*\* Washington State Department of Ecology (Analytical Methods for Petroleum Hydrocarbons, Ecology Publication ECY97-602; http://wa.gov/ecology/tcp/cleanup.html)

**ORGANIC ANALYSES**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each method and organic contaminant circled. Submit current MDL Studies (within the past year) for each determinative

method and the applicable extraction/preparation and clean-up method employed.

Office Use Only	Parameter	EPA Methodology	Extraction/Preparation Method	Sample Clean-Up Procedure
	Infrared Methods			
	Fourier Transform Infrared (GC)	EPA 8410		
	Bis(2-chloroethyl) Ether & Hydrolysis (GC)	EPA 8430		
	Tot. Recoverable Petro. Hydrocarbons	EPA 8440		
	Immunoassay Methods			
	Immunoassay	EPA 4000		
	Pentachlorophenol by Immunoassay	EPA 4010A		
	2,4-Dichlorophenoxyacetic Acid by Imm.	EPA 4015		
	Polychlorinated Biphenyls by Imm.	EPA 4020		
	Soil Screening for TPH by Imm.	EPA 4030		
	Soil Screening for PAHs by Imm.	EPA 4035		
	Soil Screening for Toxaphene by Imm.	EPA 4040		
	Soil Screening for Chlordane by Imm.	EPA 4041		
	Soil Screening for DDT by Imm.	EPA 4042		
	TNT Explosives in Soil by Imm.	EPA 4050		
	Hexahydro-1,3,5-trinitro-1,3,5-triazine	EPA 4051		
	Miscellaneous Screening Methods			
	Headspace	EPA 3810		
	Hexadecane Ext. & Screening of Purg.	EPA 3820		
	Trinitrotoluene (TNT) in Soil (Color.)	EPA 8515		
	Polychlorinated Biphenyls in Soil	EPA 9078		
	Polychlorinated Biphenyls in Trans. Oil	EPA 9079		

#### R. SHELLFISH WATERS AND MEATS METHODOLOGY:

**MICROBIOLOGY**: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology		
		EPA	Standard Methods	Other
	Fecal Coliform - MPN (A-1)		SM 9221 E2	
	Fecal Coliform - MPN (EC)		SM 9221 E1	
	Heterotrophic Bacteria		SM 9215 B	
	Total Coliform - MPN		SM 9221 B	

## S. Other Plant and Animal Tissues

**MISCELLANEOUS**: Type in only the parameters and approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Office Use Only	Parameter	Methodology					
,		EPA	Standard Methods	Other	Extraction/Prep. Method		
	Metals						
	Inorganics						
	Volatiles						
	Semivolatiles						
	Semivolatiles						
	Pesticides						
	. 33.13.133						
	Other						
	3.1101						
			<u> </u>				

#### T. CLEAN AIR ACT METHODOLOGY AND OTHER AIR METHODS

Air Toxics Methods and Contract Laboratory Program Methods: Circle only the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The states certifying Authority's certificate must reflect the appropriate certification for each method circled. NIOSH & OSHA Methods: In the space below, Type in the number of the NIOSH or OSHA method that the laboratory is seeking accreditation to perform. Other EPA Methods: In the space below, Type in the number of the EPA-approved methods the laboratory is seeking accreditation to perform. (Examples: EPA 15; EPA 23; EPA 114; R-1 to R-64)

Office Use Only	Parameter	Method
Ormy		
	Air Toxics Methods	
	Volatile Organic Compounds in Air	TO-1
		TO-2
		TO-3
		TO-6
		TO-7
		TO-12 TO-14
		TO-14 TO-15
		TO-15
	Carbonyls in Air	TO-17
	Oalbonyis in All	TO-11
	Pesticides & PCB's in Air	TO-4
	1 Colloides & 1 OD 3 III / III	TO-10
	Semi-volatiles & Dioxins in Air	TO-8
	Com Volatiles a Bioxine in 7 th	TO-9
		TO-13
	Open-Path monitoring in air	TO-16
	Contract Laboratory Program Methods	
	Volatile Organic compounds	CLP-1A; CLP-1B
	Semivolatiles	CLP-2
	Metals	CLP-3
	NIOSH & OSHA Methods	
	Other EPA Methods	

## U. RADIOLOGICAL METHODOLOGY AND EQUIPMENT

Mark (X) the matrix and list only the method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method listed.

Office Use Only	Parameter Parameter		Matrix			Method
Offily			Liquid	Solids	Biota	
	Au-198					
	C-14					
	Co-57					
	Co-58					
	Co-60					
	Cr-51					
	Cs-129					
	Cs-134					
	Cs-137					
	Fe-55					
	Fe-59					
	Ga-67					
	Gross Alpha					
	Gross Alpha Radium					
	Gross Beta	1				
	Hg-197	1				
	Hg-203					
	I-123					
	I-131					
	In-113 Ir-192					
	Isotopic Americium					
	Isotopic Plutonium (Pu-238, Pu-239/240)					
	Isotopic Thorium (Th-232, Th-228, Th-230)					
	Isotopic Uranium (U-238, U-234, U-235)					
	K-40					
	Na-22					
	Natural Uranium (Total)					
	Pb-210					
	Ra-226					
	Ra-228					
	Radon 222					
	Sc-46					
	Se-75					
	Sr-85					
	Sr-89					
	Sr-90					
	Tc-99					
	Total Americium	1				
	Total Curium		-			
	Total Neptunium		1			
	Total Plutonium	-	1			
		<b> </b>	-			
	Total Thorium		-			
	Tritium	-	<b> </b>			
	Yb-169		-			
	Gamma-Spec	<u> </u>	<b> </b>			
	Other					

## **Proportional Counter**

Instrume Numbe		lanufacturer	Mod	lel	Year		Sample Changing				
							Manual	Automat	ic	С	apacity
Туре	Wii	ndow Density	Countin	g Gas			Instrument E	Background			
						Alpha			Ве	eta	
					Operating Volta	је	СРМ	Operating Vo	oltage		СРМ
	Daily (	Check Standard	ls				Standards	Supplier			
Alpha		Beta	Gam	ma	Alpha Be		eta Gamma		ma		
	Calibr	ration Standard	s				Standards	Supplier			
Alpha		Beta	Gam	ma	Alpha Be		eta Gamma		ma		
	Calibration F	requency (1)			Service Maintenance Frequency (2)			Condition (3)			
D	w	М	Other	Q	S	Α	Other	G		R	N
ote 1: Daily	weekly, month	nly Note 2: Quar	terly, semianr	nually, anni	ually Note 3:	Good, ope	rating but needs	repair, not ope	rating		
re calibration calibration ir	protocols avail formation avai	y available to the lable to the oper lable to the oper enance records	ator? ator?	systems:	Yes No Yes No Yes No Yes No						

## **Alpha Scintillation Counter**

Instrume Numbe		Manufacturer	Мос	lel	Year			Sample Cha	nging	
							Manual	Automat	ic	Capacity
	A	Ipha Scintillation Ce	lls				Instrument B	ackground		
Manufact	Manufacturer Model Volume				Opera	ating Volta	ge		СРМ	
	[	Daily Check Standard	ds				Standards	Supplier		
Alpha		Beta	Gam	ma	Alpha		Beta		Gamma	
	(	Calibration Standard	s				Standards	Supplier		
Alpha		Beta	Gam	ma	Alpha Beta			a	Gamma	
	Calibration Frequency (1)				Service Maintenance Frequency (2)			Condition (3)		(3)
D	W M Other Q		S	Α	Other	G	R	N		
Note 1: Daily,	weekly,	monthly Note 2: Quar	rterly, semianr	nually, anni	ually Note 3:	Good, oper	ating but needs r	epair, not ope	rating	
Are calibration s calibration in	protocols formatio	readily available to the s available to the oper n available to the oper maintenance records	ator? rator?	systems:	Yes No Yes No Yes No Yes No					

## **Liquid Scintillation Counter**

Instrument Number		Manufacturer Mode		Model Year				nging		
						N	lanual	Automati		Capacity
Disc	riminator C	Channels	D	ata Reado	out Channel Printo	ıt	Externa	Standard	Refriç	geration
1	2	3	Visual	1	2	3	Yes	No		
							· · · · · ·	0 "		•
	Da	ily Check Standard	ds 				Standards			
Alpha	1	Beta	Gam	ma	Alpha		Bet	Gar	Gamma	
	Ca	libration Standard	Is				Standards	Supplier		
Alpha		libration Standard	ls Gam	ma	Alpha		Standards Bet		Gar	mma
Alpha				ma	Alpha				Gar	mma
Alpha	1			I	Alpha Service Maintena	nce Frequen	Bet		Gar Condition (3	
Alpha	1	Beta		I		ace Frequen	Bet			
	Calibratio	Beta on Frequency (1)	Gam		Service Maintena		Cy (2)	a	Condition (3	)
D	Calibratio	Beta on Frequency (1)	Gam	Q	Service Maintenar	A	Cy (2) Other	a	Condition (3	)
D  1: Daily,  pperating r	Calibratio W , weekly, manuals rea	Deta  On Frequency (1)  M	Other rterly, semianre operator?	Q	Service Maintenar	A	Cy (2) Other	a G	Condition (3	)

## Alpha Spectrometer System

Instrum	ent Number					Analyzer Sy	/stem			
			Manufacturer		Model		Year		Channels	
	Туре					Detector Sy	/stem			
		Ma	Manufacturer				Year		Size	
	Daily Cl	neck Standar	ds				Standards S	upplier		
Alpha	a .	Beta	Gami	ma	Alpha		Beta		Gamma	
	Calibra	tion Standar	ds				Standards S	upplier		
Alpha		Beta	Gamma		Alpha		Beta		Gamma	
	Calibration Frequency (1)			Service Maintenance Frequ			ency (2)		Condition (3)	
D	D W M Other		Q	S	Α	Other	G	R	N	
e operating e calibratior calibration i	manuals readily protocols availantormation availant service mainter	available to th ble to the ope ble to the ope	e operator? rator? rator?	·	Yes No Yes No Yes No Yes No Yes No Yes No	Good, opera	ating but needs rep	pair, not ope	erating	

## **Gamma Spectrometer System**

Instrument Number						Analyzer Sy	stem			
		Ма	nufacturer		Model		Year		Channels	
7	Гуре					Detector Sy	stem			
		Ma	nufacturer		Model		Year		Size	
	Daily C	heck Standar	ds				Standards S	upplier		
Alpha	1	Beta	Gamı	ma	Alpha		Beta		Gamma	
	Calibra	ation Standard	ds				Standards S	upplier		
Alpha Beta		Beta	Gamma		Alpha		Beta		Gamma	
	Calibration F	requency (1)			Service Maintenance Frequency (2)			Condition (3)		
D	D D M Other		Q	S	Α	Other	G	R	N	
e operating e calibration calibration in	, weekly, month manuals readily protocols availanformation avail t service mainte	available to thable to the ope able to the ope	e operator? rator? rator?	·	Yes No Yes No Yes No Yes No Yes No	Good, opera	ating but needs rep	oair, not ope	rating	

#### V. MISCELLANEOUS METHODOLOGIES

This table is for parameters and methods which are not found in previous sections in this application *(Please see instructions for this section)*. Type in the approved method(s) that the laboratory is seeking accreditation to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method listed.

Office Use Only	Parameter	Method	Other

**W. Quality Control:** Mark (X) the quality control practices below that apply to your laboratory with the frequency performed.

Quality Control	Yes	No	Frequency	Comments
Quality Assurance Plan *				
Standard Operating Procedures *				
Initial Demonstration of Precision and Accuracy for each Method, each Instrument, and each Analyst Method Detection Limit Study				
Chain of Custody				
Sample Identification System				
Use of Unknown Performance Evaluation Standards				
Documented Standard Curve for each Method and Analyte				
Standard Curve Checked Prior to each Sample Set				
Verify Curve Every Ten Samples or as by Method				
Laboratory Reagent Blanks				
Use of Spiked Samples for Recovery Data				
Use of Known Reference Samples				
Use of Duplicate Samples				
QC Charts or Tabulations				
Service Schedule on Balances and Thermometers				
Use of NIST Class S or S-1 or ASTM Class 1, 2, or 3 Weights				
Dating of Chemicals upon Receipt, Opening, etc.				
Chemical Inventory Log				
Standard Preparation and Training Records				
Column Inventory Log				
GC, GC/MS Maintenance Log				
Use of Field and/or Trip Blanks				
Use of Field Duplicates				
Use of Laboratory Control Samples				
Electronic Data Management				
Management Review of Data				
QA Manager Review of Data				
Update of Standard Operating Procedures				
Update of Quality Assurance Plan				
Instrument Service Contracts				
Oven and Refrigerator Temperature Records				

<sup>\*</sup> Quality Assurance Plan and a List of Standard Operating Procedures Must accompany completed Application Form.

#### X. Statement of Validation:

I have read LAC 33:I.Subpart 3, the Louisiana Environmental Laboratory Accreditation Rule. In accordance with that Rule, as the designated Laboratory Representative, I submit this completed Application to the Louisiana Environmental Laboratory Accreditation Program. I attest that the information in this application is true, accurate and complete to the best of my knowledge. In accordance with LAC 33:I.5707, I agree to notify the Environmental Laboratory Accreditation Program within 30 days of changes in laboratory name, laboratory representative, ownership, laboratory technical director, location, personnel, facilities, equipment, methodology, and/or record keeping practices, or any other factors significantly affecting the performance of the analyses for which the laboratory was accredited. I agree to notify the Environmental Laboratory Accreditation Program in advance of any change in ownership.

With the attached application(s), I hereby apply for accreditation in accordance with the terms listed in LAC 33:I.Subpart 3, the Louisiana Environmental Laboratory Accreditation Rule.

Signature of Laboratory Representative and Date

Name of Laboratory Representative (type or print)

HEAD
le, LAC 33.I4703.D, as proprietor of ne Laboratory Representative. He/she has the disconditions for accreditation and has the authority to
Proprietor's Signature and Date)
Type or Print Name)
Type or Print Title)
FORM.
il nid

Rev. 7, Effective as of 10/25/05

## Z. Attestation of Compliance Form:

## ATTESTATION OF COMPLIANCE

(Laboratory Director or QA Officer)	(Laboratory Name)
understand and acknowledge that the laborate compliance with all the provisions and standa Code (LAC), Title 33, Chapter I, Subpart 3, "laboratory shall be subject to suspension, reveaccordance with the provisions of LAC 33:I.5	ards set forth in the Louisiana Administrative Laboratory Accreditation", and that the ocation, and denial of accreditation in
I further attest that all certified environmental with the provisions and standards in LAC Tit that I am authorized to sign this application of there are no misrepresentations in my answer accreditation. The information, statements, fatrue and correct, and I am aware that any mist grounds for suspension, revocation, or denial	le 33, Chapter I, Subpart 3. I hereby certify in behalf of the applicant/owner and that is to the questions on the application for cts, and representations given and made are representations or falsifications constitute
(Signature, QA Officer or other designated responsible individual)	(Printed Name of Quality Assurance Officer)
(Printed Legal Name of Laboratory)	(Date)